

Date Submitted: 08/27/21 1:58 pm

Viewing: **INSYMI : Information Systems, Master of Information Systems**

Last approved: 02/18/21 2:51 pm

Last edit: 09/16/21 3:10 pm

Changes proposed by: waldie

Catalog Pages Using
this Program

[Information Systems \(ISYS\)](#)

Submitter: User ID: **waldie kboston** Phone:
2058 575-4622

Program Status Active

Academic Level Graduate

Type of proposal Major/Field of Study

Select a reason for this modification

Making Minor Changes to an Existing Certificate or Degree (e.g. changing 15 or fewer hours, changing admission/graduation requirements, adding/changing Focused Study or Track)

Are you adding a concentration?

No

Are you adding or modifying a track?

No

Are you adding or modifying a focused study?

No

Effective Catalog Year Fall 2022

College/School Code

Walton College of Business (WCOB)

In Workflow

1. WCOB Dean Initial
2. GRAD Dean Initial
3. Director of Curriculum Review and Program Assessment
4. Registrar Initial
5. Institutional Research
6. ISYS Chair
7. WCOB Curriculum Committee
8. WCOB Faculty
9. ENGR Dean
10. WCOB Dean
11. Global Campus
12. Provost Review
13. University Course and Program Committee
14. Graduate Council
15. Faculty Senate
16. Provost Final
17. Registrar Final
18. Catalog Editor Final

Approval Path

1. 08/27/21 3:55 pm
Alan Ellstrand
(aellstra): Approved for WCOB Dean Initial
2. 08/27/21 4:14 pm
Jim Gigantino
(jgiganti): Approved

Department Code

Department of Information Systems (ISYS)

Program Code

INSYMI

Degree

Master of Information Systems

CIP Code

for GRAD Dean

Initial

3. 08/30/21 9:12 am

Alice Griffin

(agriffin): Approved

for Director of

Curriculum Review

and Program

Assessment

4. 09/13/21 12:35 pm

Lisa Kulczak

(lkulcza): Approved

for Registrar Initial

5. 09/13/21 12:39 pm

Doug Miles

(dmiles): Approved

for Institutional

Research

6. 09/13/21 1:40 pm

Rajiv Sabherwal

(rsabherw):

Approved for ISYS

Chair

7. 09/13/21 7:36 pm

Alan Ellstrand

(aellstra): Approved

for WCOB

Curriculum

Committee

8. 09/13/21 7:37 pm

Alan Ellstrand

(aellstra): Approved

for WCOB Faculty

9. 09/15/21 3:14 pm

Kevin Hall (kdhall):

Approved for ENGR

Dean

10. 09/16/21 10:28 am

Alan Ellstrand

- (aellstra): Approved for WCOB Dean
11. 09/16/21 10:33 am
Suzanne Kenner
(skenner): Approved for Global Campus
12. 09/16/21 10:47 am
Ketevan
Mamiseishvili
(kmamisei):
Approved for
Provost Review
13. 09/24/21 4:16 pm
Alice Griffin
(agriffin): Approved for University
Course and Program
Committee
14. 10/26/21 1:34 am
Pat Koski (pkoski):
Approved for
Graduate Council

History

1. Jun 10, 2015 by
Charlie Alison
(calison)
2. May 15, 2017 by
tjhampt
3. Sep 28, 2017 by Lisa
Kulczak (lkulcza)
4. Nov 27, 2017 by Lisa
Kulczak (lkulcza)
5. May 22, 2019 by
Karen Boston
(kboston)
6. Jun 5, 2019 by
Charlie Alison
(calison)

7. Feb 18, 2021 by
Karen Boston
(kboston)

52.1301 - Management Science.

Program Title

Information Systems, Master of Information Systems

Program Delivery

Method

On Campus

Off Campus

Online/Web-based

Is this program interdisciplinary?

No

Does this proposal impact any courses from another College/School?

Yes

College(s)/School(s)

College/School Name

College of Engineering (ENGR)

What are the total
hours needed to
complete the
program?

30

Off Campus Information

Off Campus

Location(s)

Location Name	Address	Distance from Main Site
previously provided	previously provided	previously provided

Reason for Offering

Program Off Campus

This change is simply a clean up since this program was approved for hybrid/online delivery more than ten years ago. There are no changes to the program

Fifty percent of the credits required will be offered

Both - off-campus location and distance technology

Will Students complete all Program Requirements at this Location?

Yes

Upload Memorandum of Understanding Forms (if required)

On-line/Web-based Information

Reason for offering Web-based Program
NA

Maximum Class Size for Web-based Courses 50

Course delivery mode

Method(s)
Online

Class interaction mode

Method(s):
Electronic Bulletin Boards

Percent Online
50-99%

Provide a List of Services Supplied by Consortia Partners or Outsourced Organization
NA

Estimate Costs of the Program over the NA

First 3 Years

List Courses Taught
by Adjunct Faculty

Upload
Memorandum of
Understanding Forms
(if required)

Program Requirements and Description

Requirements

The Master of Information Systems is designed to provide professional preparation for positions in business and government. It provides sufficient flexibility to meet the needs of students with various backgrounds and foster lifelong learning and innovation. Students may concentrate in one of five areas: Information Technology Management, Enterprise Resource Planning (ERP) Management, Blockchain Enterprise Systems Management, Cybersecurity Management, or Software Engineering Management.

Admission Requirements: Students must apply to and meet the admission requirements of the Graduate School of Business and be admitted by the departmental admissions committee.

~~The Master of Information Systems program is open to students who have earned a bachelor's degree from an accredited institution and who can present evidence of their ability to do graduate work. "Evidence of ability" means superior grade-point average, an acceptable test score on the Graduate Management Admission Test (GMAT) or Graduate Record Exam (GRE), and recommendations with respect to ability for successful pursuit of graduate-level work. International applicants and resident aliens must submit an acceptable TOEFL or IELTS score, or complete the Intensive English Language Program (Spring International Language Center) and receive an English proficiency recommendation for admission. Other admissions criteria can be considered on a case-by-case basis.~~ Requirements for the Master of Information Systems Degree:

Students whose previous studies have fulfilled requirements of the common body of knowledge in business and information systems will be required to complete a minimum of 30 hours of graduate work. The required common body of knowledge in Information Systems includes management information systems, systems analysis, database, and programming languages (such as Visual Basic, Java, or other).

To ensure that students acquire the skills necessary for career success, the M.I.S. program strongly encourages all students to obtain additional training directly related to the M.I.S. program prior to graduation. The M.I.S. program considers this training an integral part of the curriculum and recommends that students work for up to one year in a position (or positions) which allow for the practical application of the theoretical principles taught in M.I.S. courses.

Students who hold non-immigrant status in the United States in the F-1 or J-1 categories are responsible for coordinating any necessary authorization for employment with the Office of International Students and Scholars (ISS). F-1 and J-1 students are strongly advised to discuss training options with the M.I.S. Program Director and

the ISS office early in their program, and to make themselves aware of limitations and restrictions related to F-1 or J-1 employment authorization benefits.

Pre-M.I.S.

ISYS 511V IT Toolkit & Skills Seminar (This course may not be used for the Master of Information Systems degree.)

Core Courses

ISYS 5423 Seminar in Systems Development 3

ISYS 5833 Data Management Systems 3

ISYS 5943 Management of Information Technology Seminar 3

Areas of Concentration 15

Electives 6

Total Hours 30

M.I.S. (Part-time): The Department of Information Systems also provides an opportunity for professionals in the workplace to complete the program by taking 6 hours per semester; 5 semester program with Enterprise Resource Planning (ERP) Management and Blockchain Enterprise Systems (ES) Management concentrations.

Contact the department for additional information or visit the [Graduate School of Business website.](#)

Electives are chosen by the student in consultation with the Master of Information Systems Program Director in the Department of Information Systems (ISYS). Approved electives (6 hours) may be any graduate course approved by the Master of Information Systems program director.

With the approval of the Master of Information Systems Program Director, any senior-level ISYS course (ISYS 4000 or higher) may be taken for graduate credit. After admission, the student must maintain a 3.00 grade-point average on all graduate coursework and all information systems coursework. Additionally, the student must receive a letter grade of at least a “B” in 75 percent of the courses attempted.

For the M.I.S. (part-time), approval of the Director is required to enroll in more than six hours per semester.

Are Similar Programs available in the area?

No

Estimated Student Demand for Program NA

Scheduled Program Review Date **2021-2022** NA

Program Goals and Objectives

Program Goals and Objectives

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The Master of Information System (MIS) program provides preparation for the business student at the graduate level to master information systems technology and achieve success in their careers in business/government/and industry. Student entering the MIS program are expected to have a working knowledge of information technology/as well as business. The MIS program of coursework enhances/broadens/extends/and integrates the student's knowledge of information technology and business concepts in order to solve business problems and support decision making.

Learning Outcomes**Learning Outcomes**

Learning Outcomes

COMMUNICATION

Learning Goal: Graduates of the MIS programs at the Sam M. Walton College of Business will be able to communicate effectively in professional situations.

Learning Objective 1 (Oral Communication): Students will be able to deliver effective presentations.

Learning Objective 2 (Written Communication): Students will show proficiency in writing and organizing professional communications.

CRITICAL THINKING/PROBLEM SOLVING

Learning Goal: Graduates of the MIS programs at the Sam M. Walton College of Business will be able to employ ethical problem solving and strategic decision making approaches to information system challenges.

Learning Objective 1 (Decision Making): Students will employ industry-accepted problem solving and decision making skills for IT problems/as well as the ability to evaluate and propose alternative solutions to managers and users.

Learning Objective 2 (Ethical Problem Solving): Students will demonstrate ethical problem solving approaches to IT challenges and opportunities faced by today’s businesses in achieving their goals

TECHNICAL COMPETENCE (Discipline Knowledge)

Learning Goal: Graduates of the MIS programs at the Sam M. Walton College of Business will be will be knowledgeable of the application of information technology and business concepts.

Learning Objective: Students will demonstrate the ability to identify, assimilate, synthesize, and analyze the information technology needs, make

2 of 3

recommendations, design, and develop IT transaction systems and decision support systems for the organization.

TEAM WORK

Learning Goal: Graduates of the MIS programs at the Sam M. Walton College of Business will be effective at working in team environment.

Learning Objective: Students will demonstrate effective interpersonal communication skills as a part of a team

Description and justification of the request

Description of specific change	Justification for this change
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Description of specific change	Justification for this change
Updated admissions language to reference the Graduate School of Business central admissions page.	Walton master's programs have adopted a standardized GMAT/GRE admissions waiver. This reference update is to centralize the admissions information.

Upload attachments

Reviewer Comments

Alice Griffin (agriffin) (08/30/21 9:05 am): Inserted program review date.

Alice Griffin (agriffin) (08/30/21 9:12 am): ATTENTION: This minor program change will require campus approval due to the changes made to the admission requirements.

Alan Ellstrand (aellstra) (09/13/21 6:10 pm): Updated CIP Code to 52.0201.

Alice Griffin (agriffin) (09/16/21 3:10 pm): Miscommunication with Alan, changed CIP code back to 52.1301. Our intention was to change the ISYSPH program. Apologies for the confusion.

Key: 458